Sahil Jain

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About me

Recent Postgraduate with a robust grasp of computer networking, cloud computing, and virtualization technologies. Proficient in CI/CD, Git, Terraform, Docker, Kubernetes, Python, Bash scripting, Grafana, AWS, and security practices. Eager to contribute to innovative projects with a solid foundation in Agile/Scrum methodologies.

Technical Skills

- Languages: C/C++, Python , SQL, Shell Scripting (Linux)
- Cloud Platforms: AWS
- Tools: Jenkins, Docker, Kubernetes, GitHub, SonarQube, Jira
- Other: CI/CD, Git, IaC (Terraform), Docker, Kubernetes, Bash scripting, Grafana monitoring, Security, Agile/Scrum

Education

- MCA / Vellore Institution of Technology, Chennai
  September 2022 - present   Overall(Sem 3) GPA :- 7.67
- BSC-IT / NM College, Mumbai
  July 2019 - April 2022, Mumbai University   CGPA :- 8.45
- Higher Secondary School / Sydenham College, Mumbai
  Aug 2017-April 2019, Maharashtra Board   Percentage :- 81%
- Secondary School / RBK School, Mumbai
  April 2015-April 2017, ICSE Board   Percentage :- 89.8%

Projects

- Dassets - Kotlin App
  - Description: Tracked Indian Stock market prices and Crypto Currency prices using API. Firebase used for backend and implemented opt authentication.
  - Relevance: Demonstrates expertise in app development, API integration, and backend services.
- Deployed Website - AWS, Jenkins -[Website](#)
  - Description: Deployed a website on a Docker container using AWS and implemented a CI/CD pipeline with Jenkins for seamless updates.
  - Relevance: Highlights experience in deploying applications and utilizing CI/CD tools.
- Web Scraping Script - Python
  - Description: Developed a Python web scraping script with beautiful soup to extract stock information from Yahoo Finance.
  - Relevance: Showcases scripting skills and practical application of data extraction techniques.

Experience

- DevOps Intern | Solytics Partner
  August 2023 – Present
  - Execute end-to-end CI/CD pipelines using Jenkins, optimizing build processes through Groovy scripting.
  - Containerize applications with Docker for efficient deployment and scalability.
  - Conduct code quality analysis using SonarQube to enhance software reliability.
  - Orchestrate containerized applications on Kubernetes for seamless deployment and scalability.
  - Collaborate on GitHub for version control and maintain a streamlined development workflow.
  - Utilize AWS for infrastructure management, contributing to efficient deployment processes.
  - Technologies Used: AWS, Docker, Jenkins, Groovy Scripts, Kubernetes, GitHub

Extra Circular Activities

- Participated in SET Conference and produce a research paper on Automatic Number Plate Detection.
- Participated in MUNs and was a part of the MUN PR team in my UG College.
- Designed a workshop based on Adobe Photoshop in my UG College.